



FEMA



Prepared by
Jennifer McNatt

FEMA Region 6 Weather Threat Briefing

Monday, September 3, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Key Points



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Today

- Heavy rain/flash flooding continues to be possible over **SE TX & SW LA**.
- Possibility of more isolated heavy rainfall extends through much of **S & Central TX**, into the **Panhandles** and **W OK**.

Tuesday

- Heavy rain/flash flooding remains possible from the **Middle TX Coast** up through **N-Central TX & Central OK**.
- Tropical Storm **Gordon** will be approaching the **SE LA** coast late Tuesday. Tropical storm conditions may begin as early as midday Tuesday, but the most likely time is late Tuesday.
 - Heavy rain is likely over **SE LA** beginning Tuesday.
 - Storm surge inundation of 2-4ft is possible; Storm Surge Watch in effect from the mouth of the **MS River** eastward.

Wednesday

- Tropical Storm **Gordon** is expected to be moving inland early Wednesday morning somewhere from **SE LA** into **MS**. The system is expected to weaken as it continues to move inland and into **N LA** late Wednesday.
- Heavy rain/flash flooding is likely over **SE LA** and into **N-Central LA** later in the day.
 - Some heavy rain/isolated flooding will be possible across much of **LA** and then into **S AR** late in the day.

Thursday - Friday

- The remnants of **Gordon** are likely to stall over the **ArkLaTex / E OK**, continuing the heavy rain threat for this area.

Tropical Outlook

- Recently named-Tropical Storm **Gordon** will be moving through the **FL Keys** and into the **Eastern Gulf** today. Tropical Storm Warnings are in effect east of **Morgan City, LA**, including **Lake Pontchartrain** and **Lake Maurepas**.
- Tropical Storm **Florence** continues to move **W-NW** in the central Atlantic.
- A tropical wave located near the west coast of **Africa** may slowly develop in the next few days.
 - Formation chances in next 48 hours...low...near 0%
 - Formation chances in 5 days...low...20%

FEMA Region 6 Threat Matrix

Sept 3, 2018 – Sept 7, 2018



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DAY / THREAT	MON	TUE	WED	THU	FRI
Severe Storms					
Heavy Rain / Flash Flooding	S & Central TX, Panhandles, W OK	Middle TX Coast up through N-Cntrl TX, Cntrl OK	SE LA, N-Central LA (late)	ArkLaTex	ArkLaTex, E OK
	SE TX, SW LA	SE LA	LA SAR (late)		
Fire Weather					
Tropical Weather		SE LA (late)	SE LA (early), E-Cntrl LA, N LA (late)	ArkLaTex	ArkLaTex, E OK
River Flooding	SW LA	SE LA	LA	NETX, SE OK, SW AR, NW LA	E OK, NETX

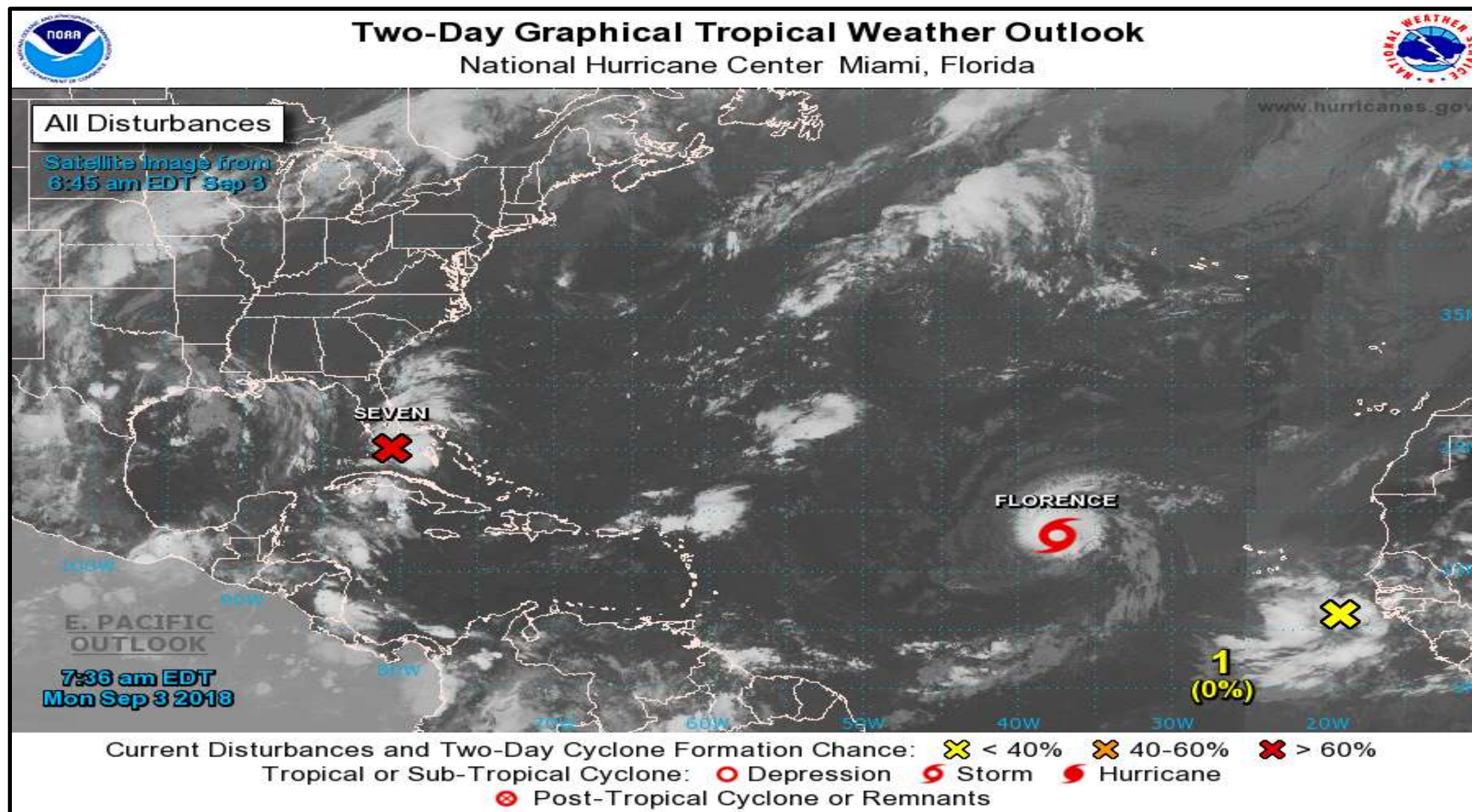
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

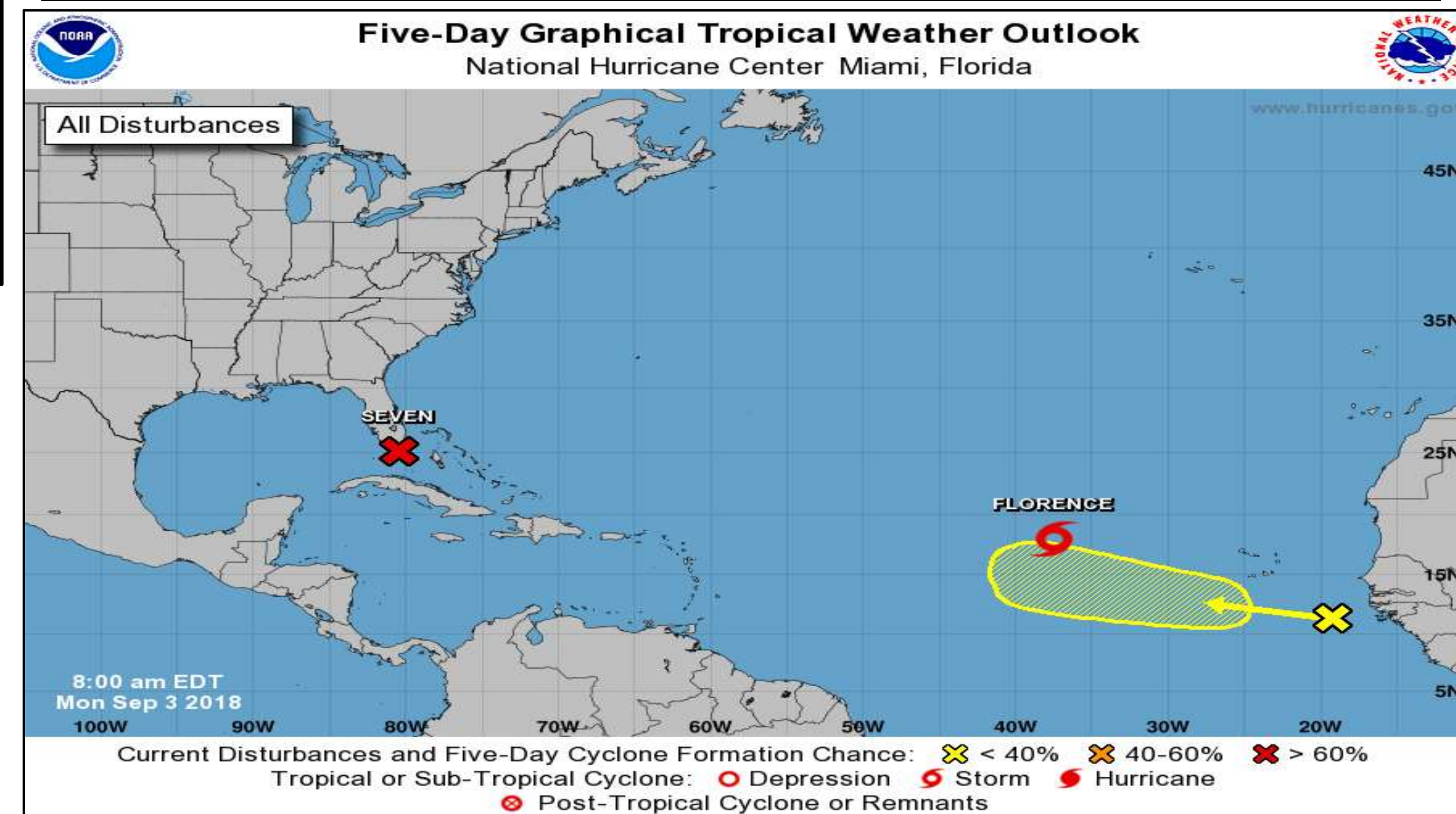
Tropical Weather Outlook – Atlantic/Gulf



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A tropical wave located near the west coast of Africa is producing a large area of disorganized showers and thunderstorms. Some slow development of this system is possible during the next several days while it moves westward across the eastern tropical Atlantic. Formation chance through 48 hours...low...near 0% Formation chance through 5 days...low...20%

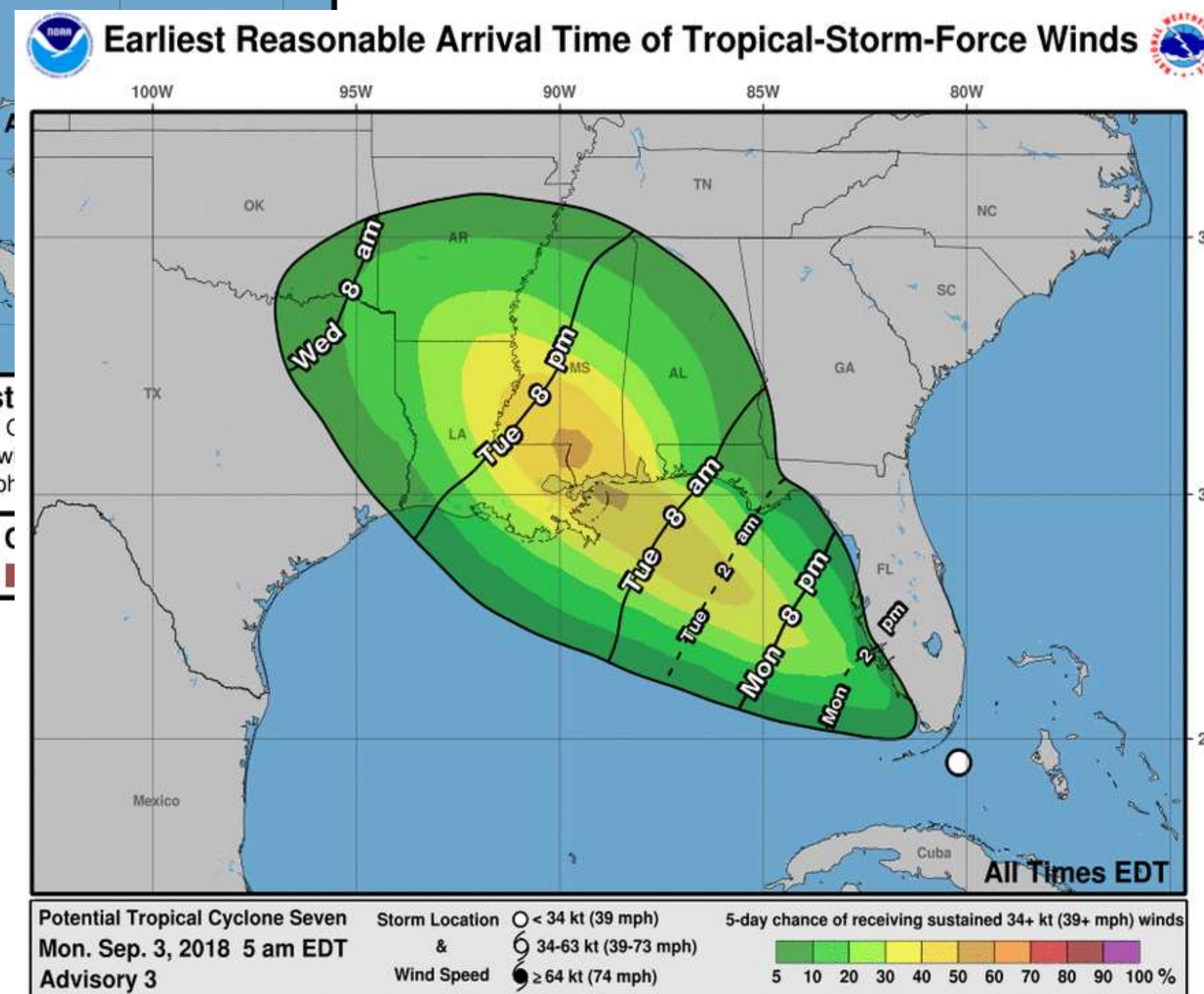


See next slides for more information on Tropical Storm Gordon and Tropical Storm Florence.

Tropical Storm Gordon



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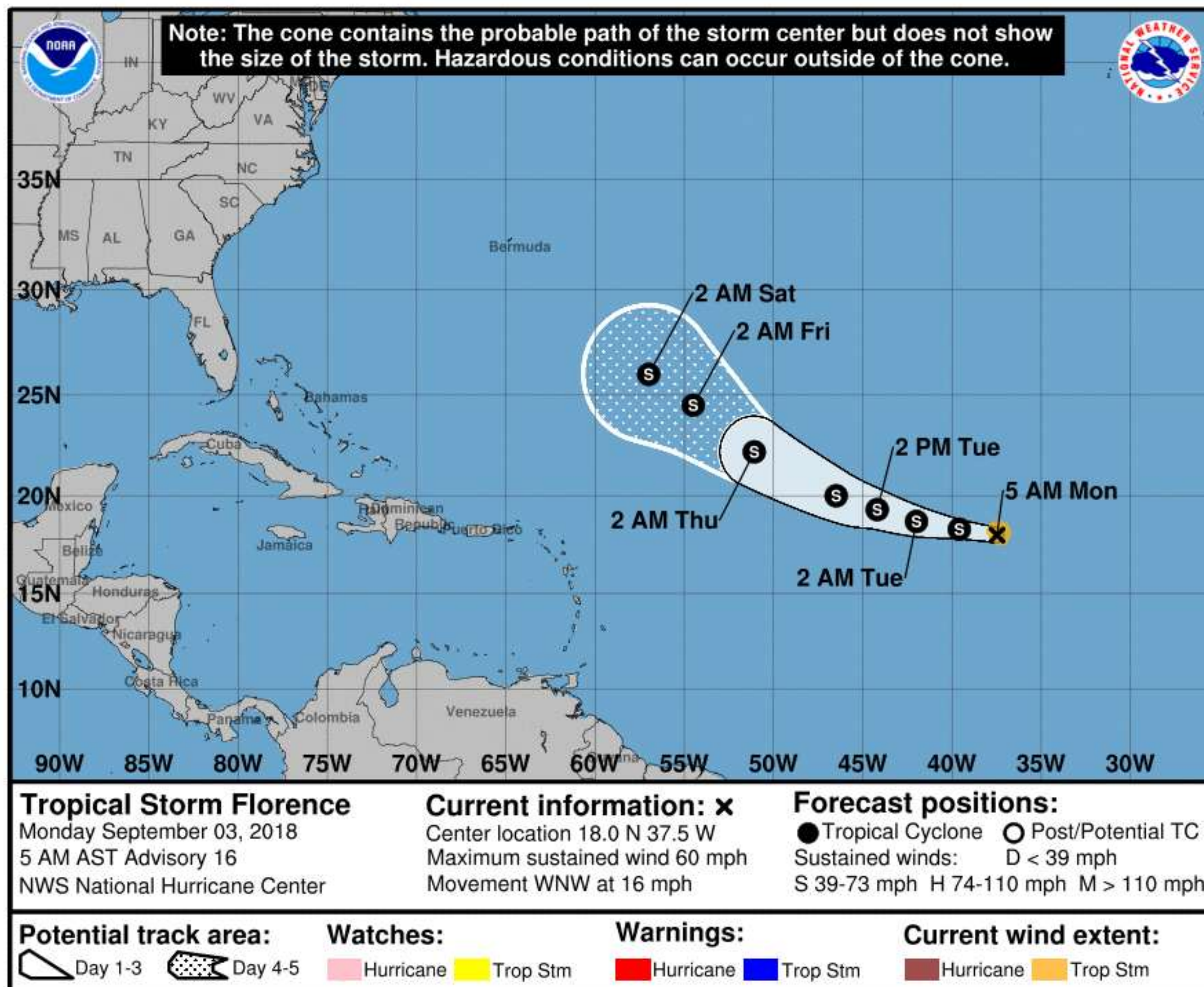
This system was recently (7am CT) upgraded to a Tropical Storm based on recent surface observations. It continues to move WNW around 16mph and currently has maximum sustained winds of 45mph.

Tropical Storm Warnings are in effect east of Morgan City, LA, including Lake Pontchartrain and Lake Maurepas. Tropical storm conditions are expected in those areas beginning late Tuesday.

Tropical Storm Florence



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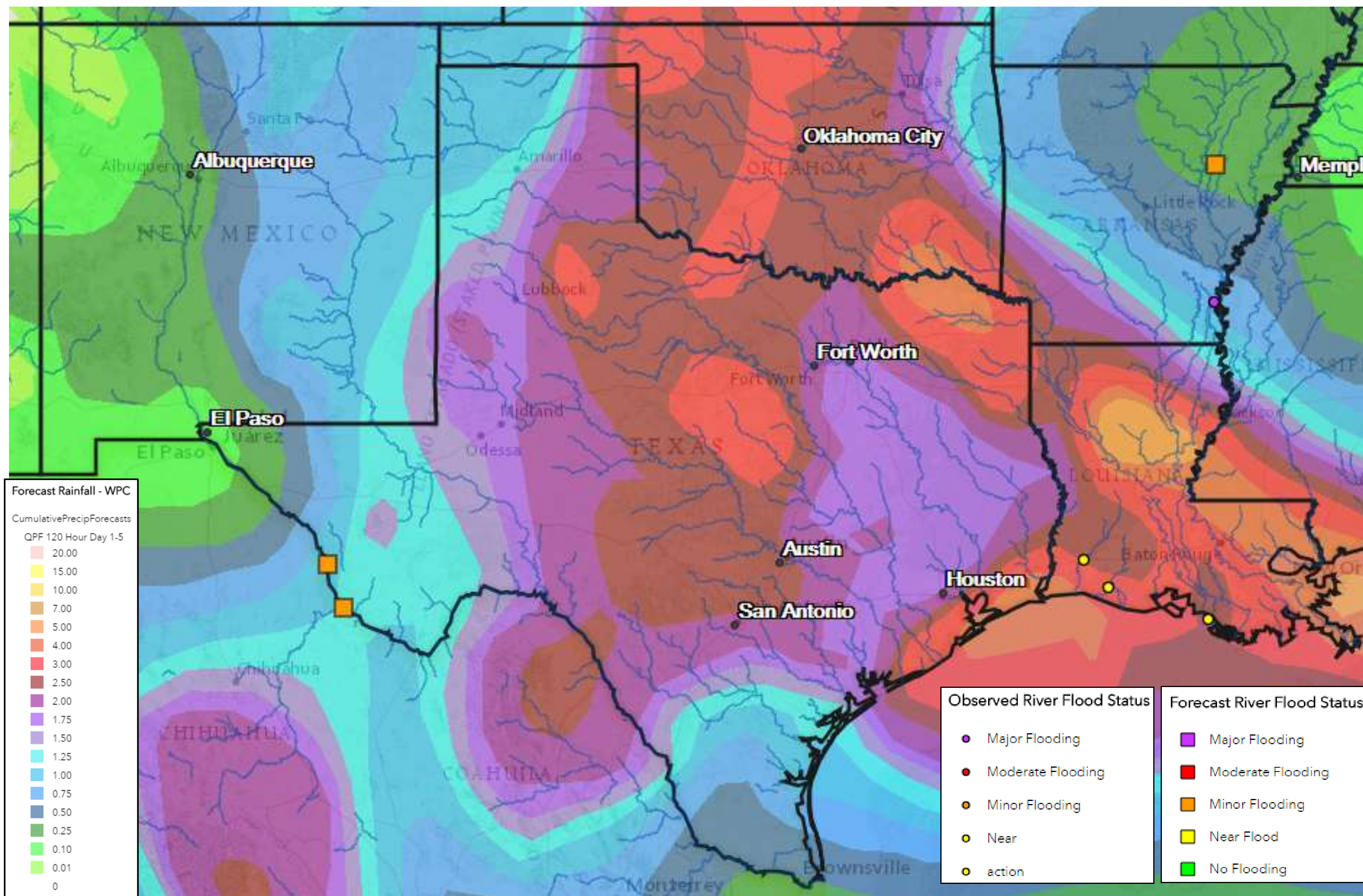
Florence has maximum sustained winds of 60mph and is moving to the WNW at 16mph. It is expected to move generally westward to W-NW at a slightly slower forward speed for the next several days.

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Minor flooding continues on the Cache River in AR for the upcoming week.

Rainfall in W OK and W TX is expected today through Thursday (not all at one time). A few isolated locations may see some minor river flooding, but widespread river flooding is not expected.

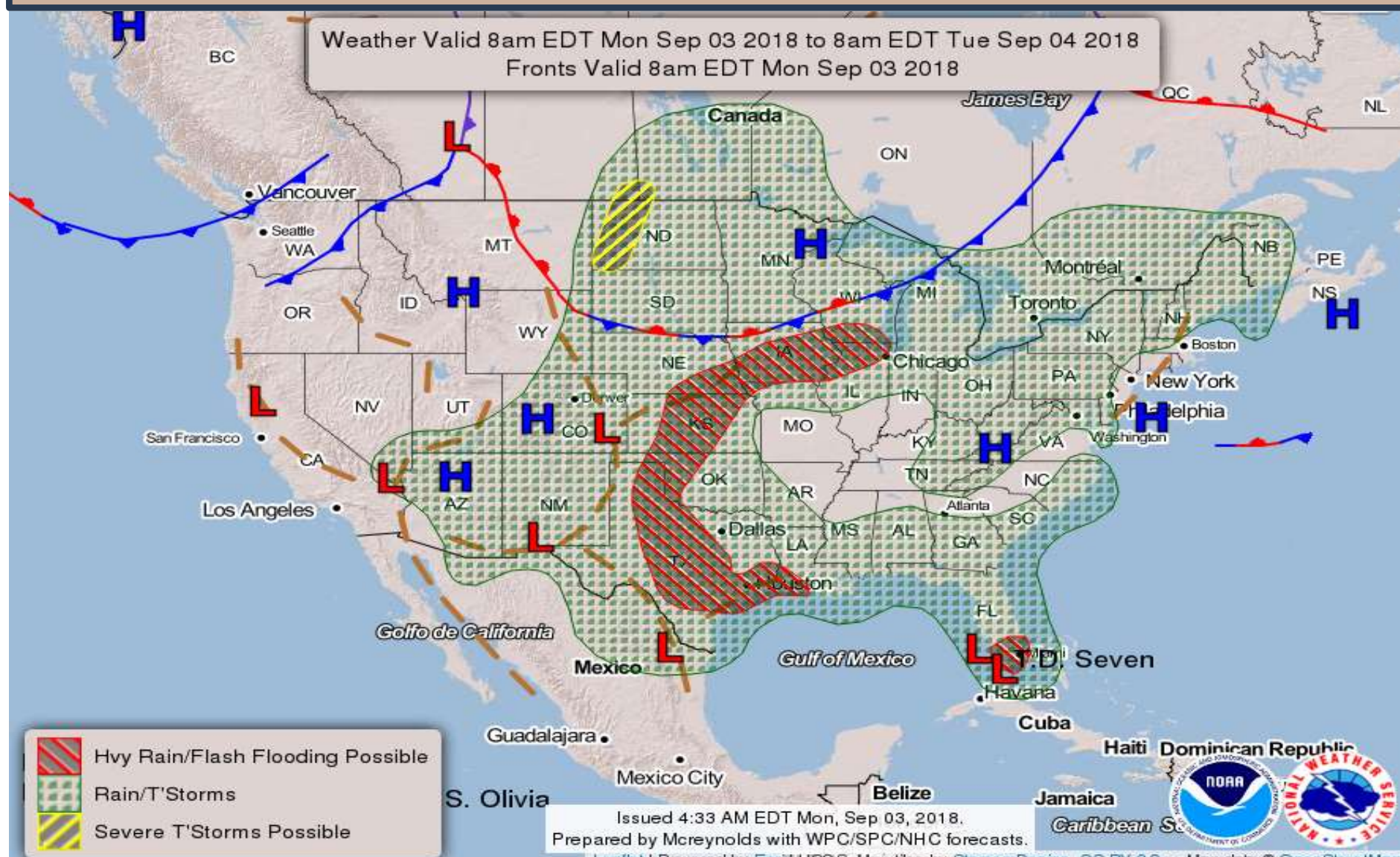
With the increase in moisture from Tropical Storm Gordon in the next few days, rivers in LA and SE TX may see rises, possibly into the moderate category. There is high confidence in at least minor flooding on some rivers, although it is difficult to pinpoint exact basins at this point.

Today's Weather

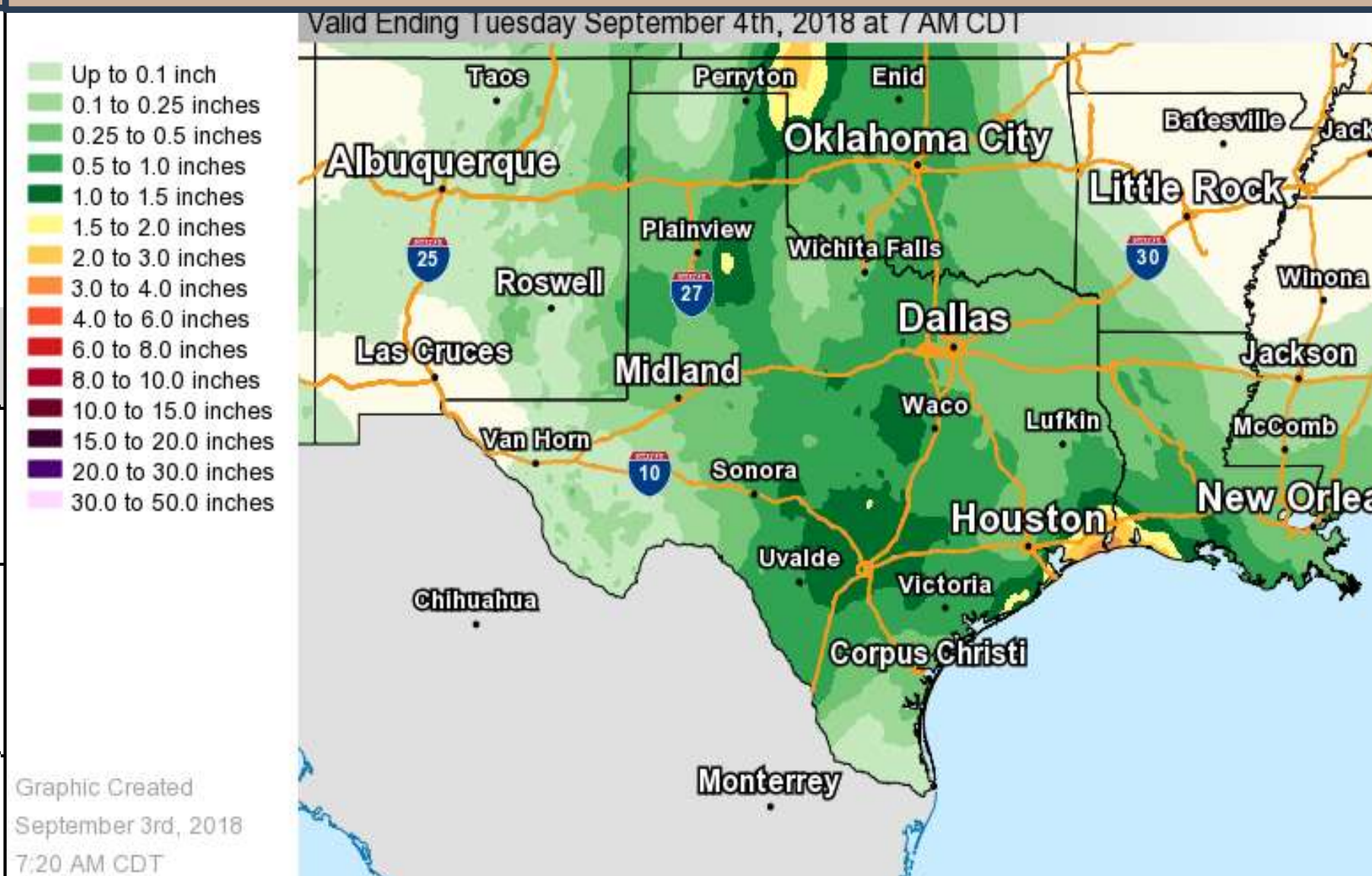


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Forecast Chart



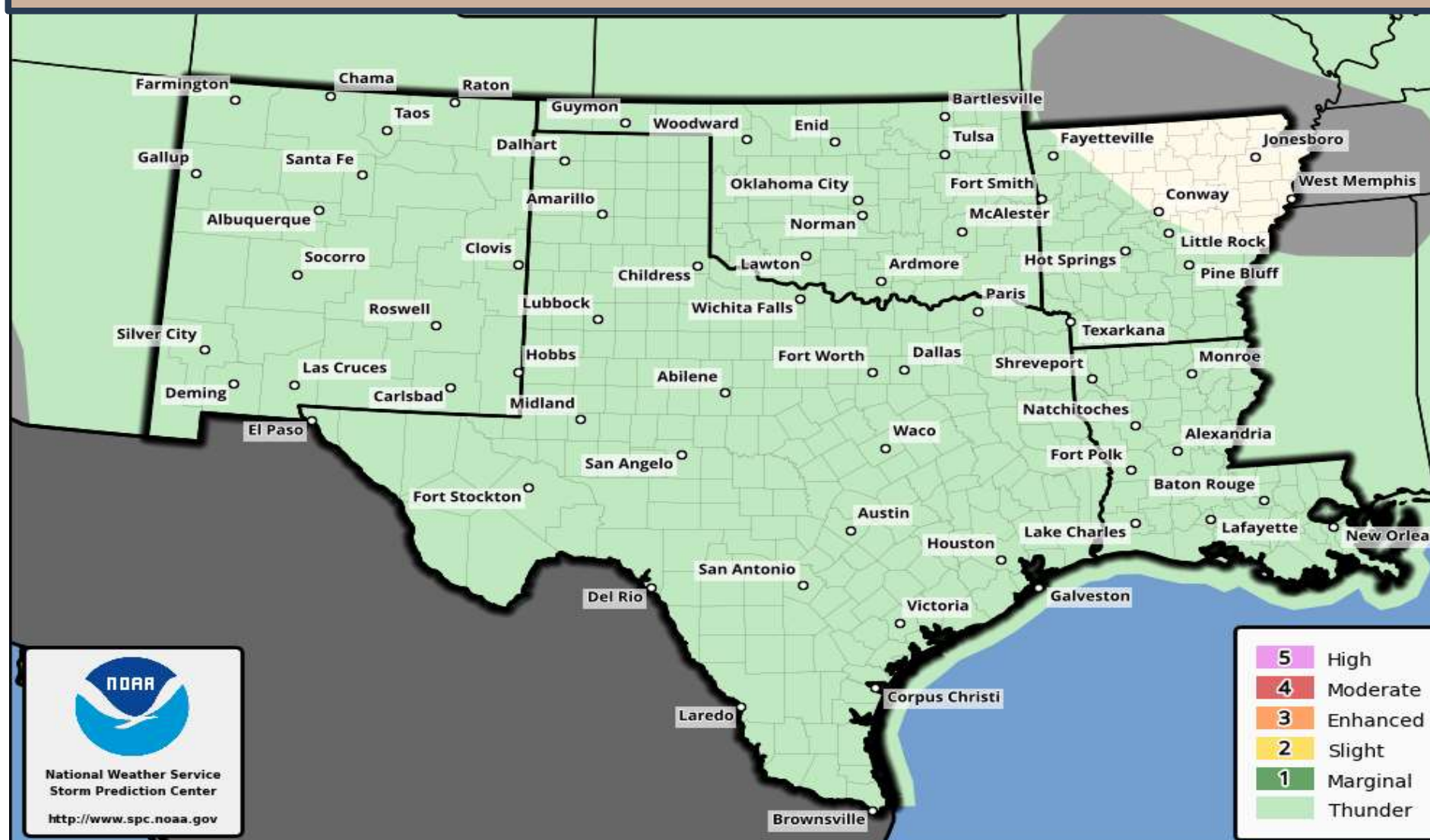
Forecast Rainfall



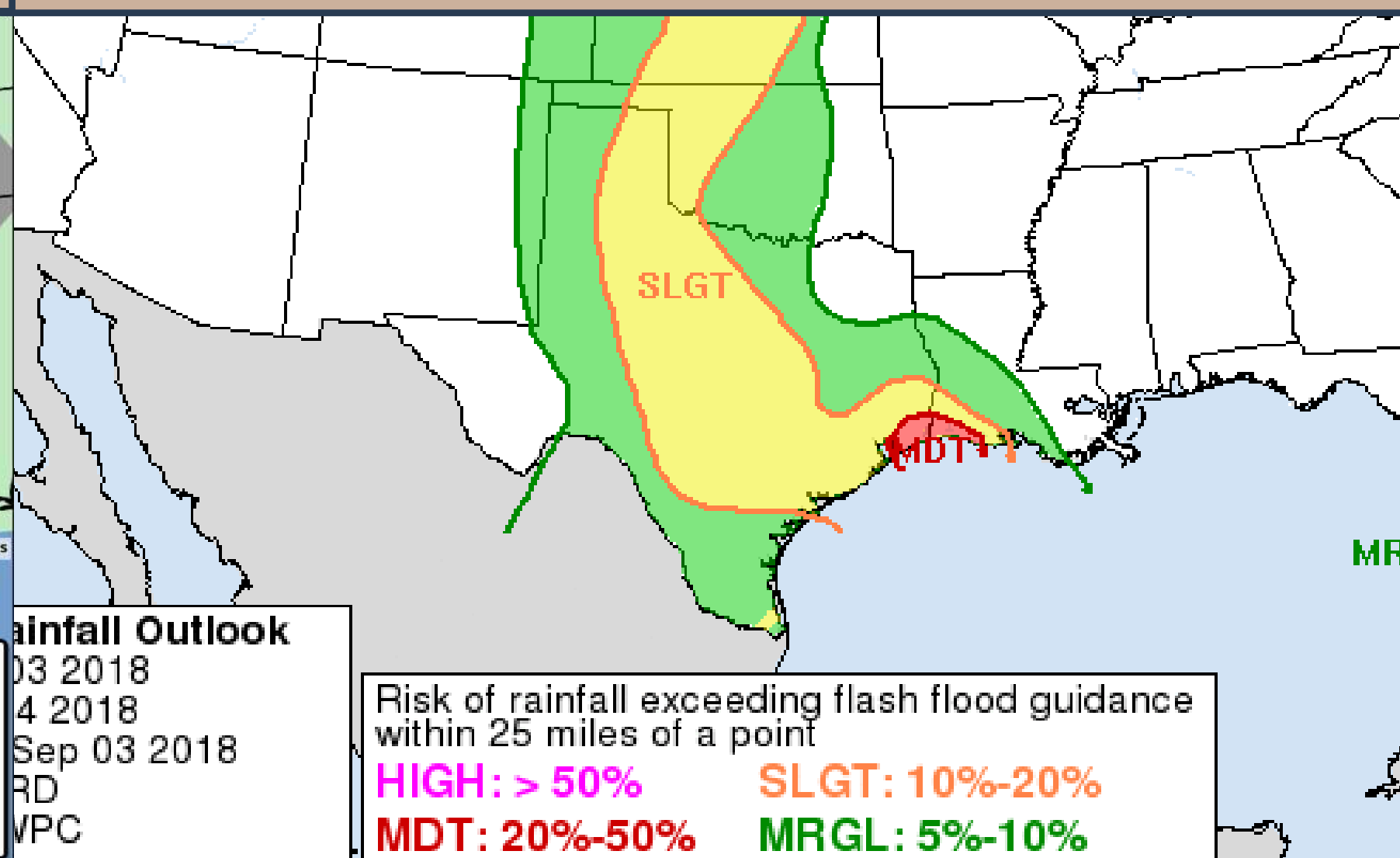
Heavy rain/flash flooding continues to be possible over SETX and SW LA.

Possibility of more isolated heavy rainfall extends through much of S & Central TX, into the Panhandles and W OK.

Severe Weather Outlook



Excessive Rainfall Outlook



Watches, Warnings, and Advisories



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Fire Weather



Graphic Created

Severe Weather & Flooding



Graphic Created

Flash Flood Watches are in effect for SW LA & SE TX through this evening.

Strong & Gusty Winds



Graphic Created

Winter Weather



Graphic Created

Tomorrow's Weather



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Forecast Chart

Forecast Rainfall

Heavy rain/flash flooding remains possible from the Middle TX Coast up through N-Central TX & Central OK.

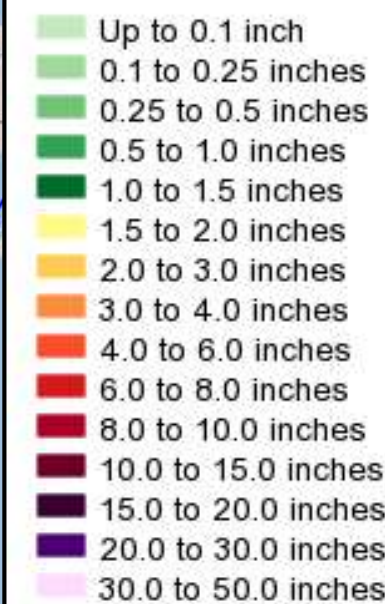
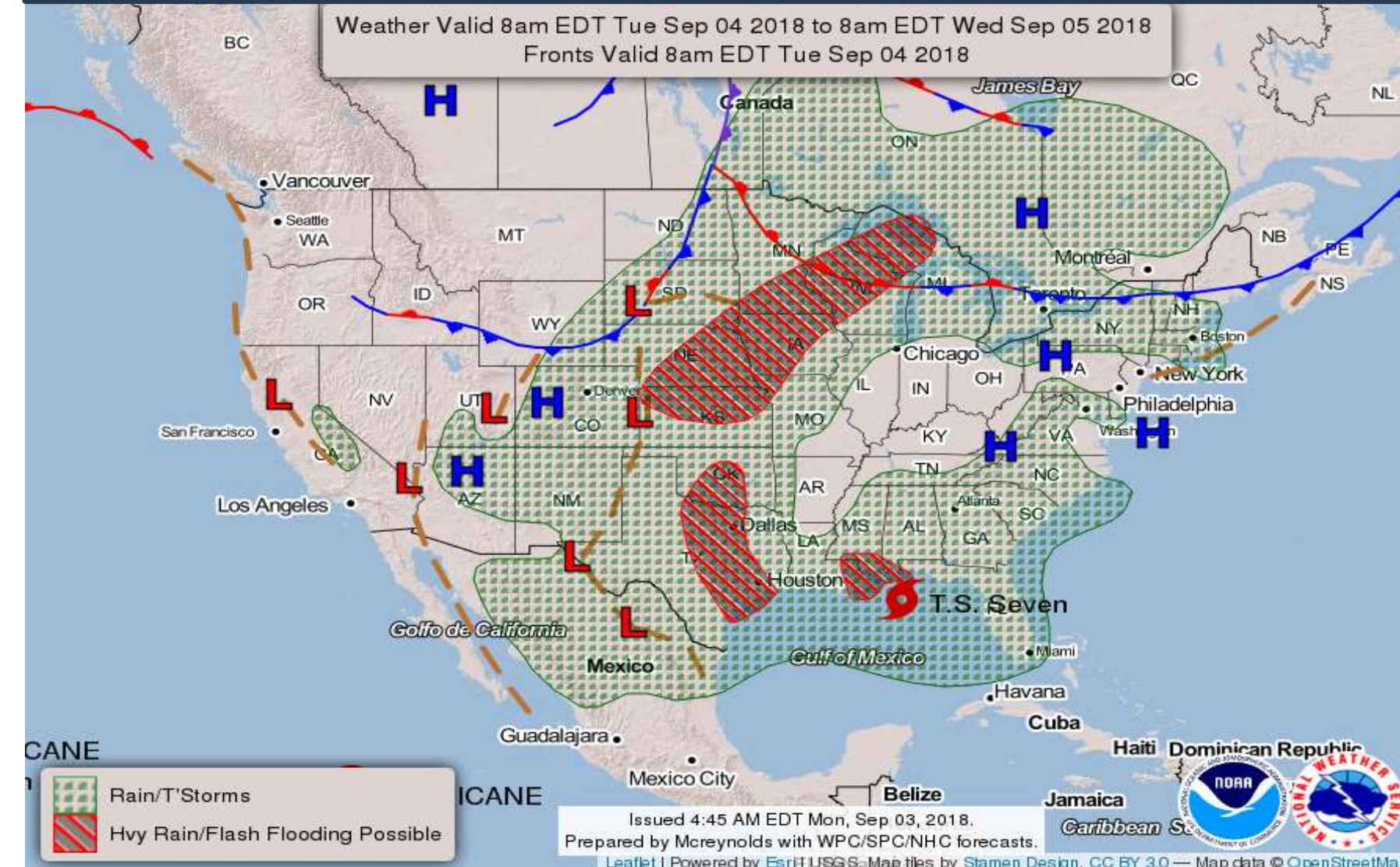
Tropical Storm Gordon will be approaching the SE LA coast late Tuesday. Tropical storm conditions may begin as early as midday Tuesday, but the most likely time is late Tuesday.

Heavy rain is likely over SE LA beginning Tuesday.

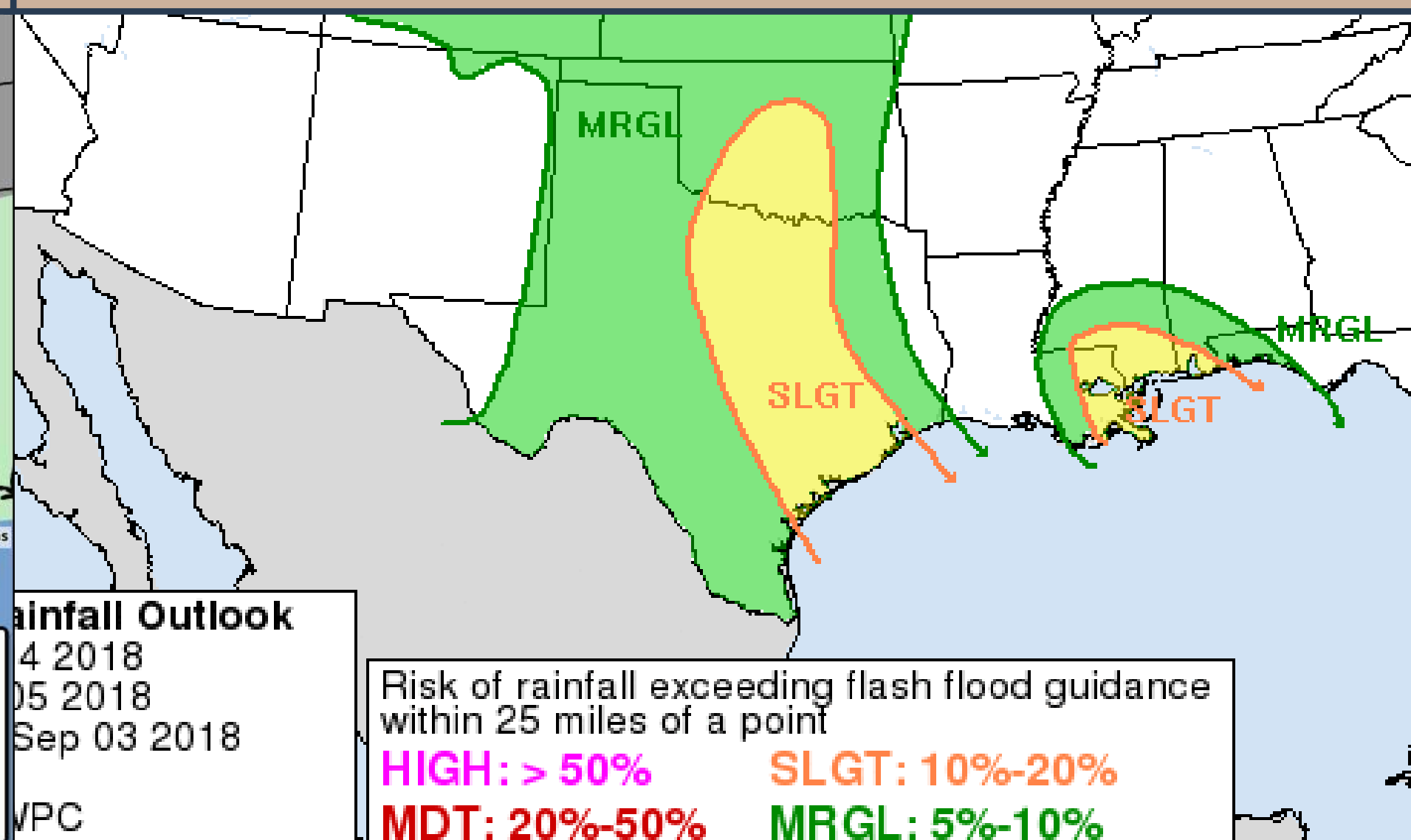
Storm surge inundation of 2-4ft is possible; Storm Surge Watch in effect from the mouth of the MS River eastward.

Severe Weather Outlook

Excessive Rainfall Outlook



Graphic Created
September 3rd, 2018
7:22 AM CDT



Wednesday's Weather



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Forecast Chart

Forecast Rainfall

Tropical Storm Gordon is expected to be moving inland early Wednesday morning somewhere from SE LA into MS. The system is expected to weaken as it continues to move inland and into N LA late Wednesday.

Heavy rain/flash flooding is likely over SE LA and into N-Central LA later in the day.

Some heavy rain/isolated flooding will be possible across much of LA and then into SAR late in the day.

Severe Weather Outlook

Excessive Rainfall Outlook

Rainfall Outlook
05 2018
06 2018
Sep 03 2018
WPC

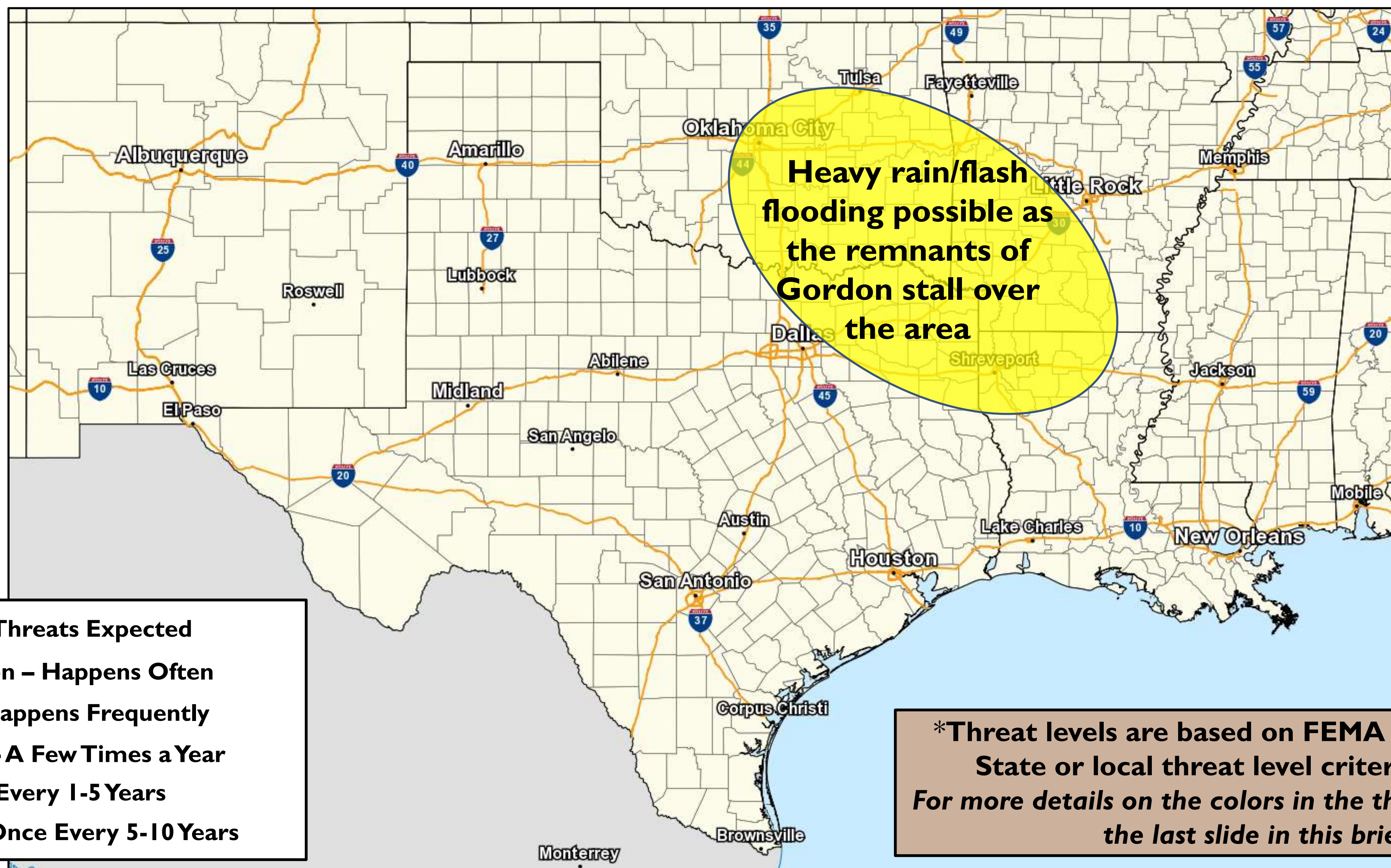
Risk of rainfall exceeding flash flood guidance within 25 miles of a point
HIGH: > 50% **SLGT: 10%-20%**
MDT: 20%-50% **MRGL: 5%-10%**

Days 4-5 Weather Hazards

Thursday - Friday



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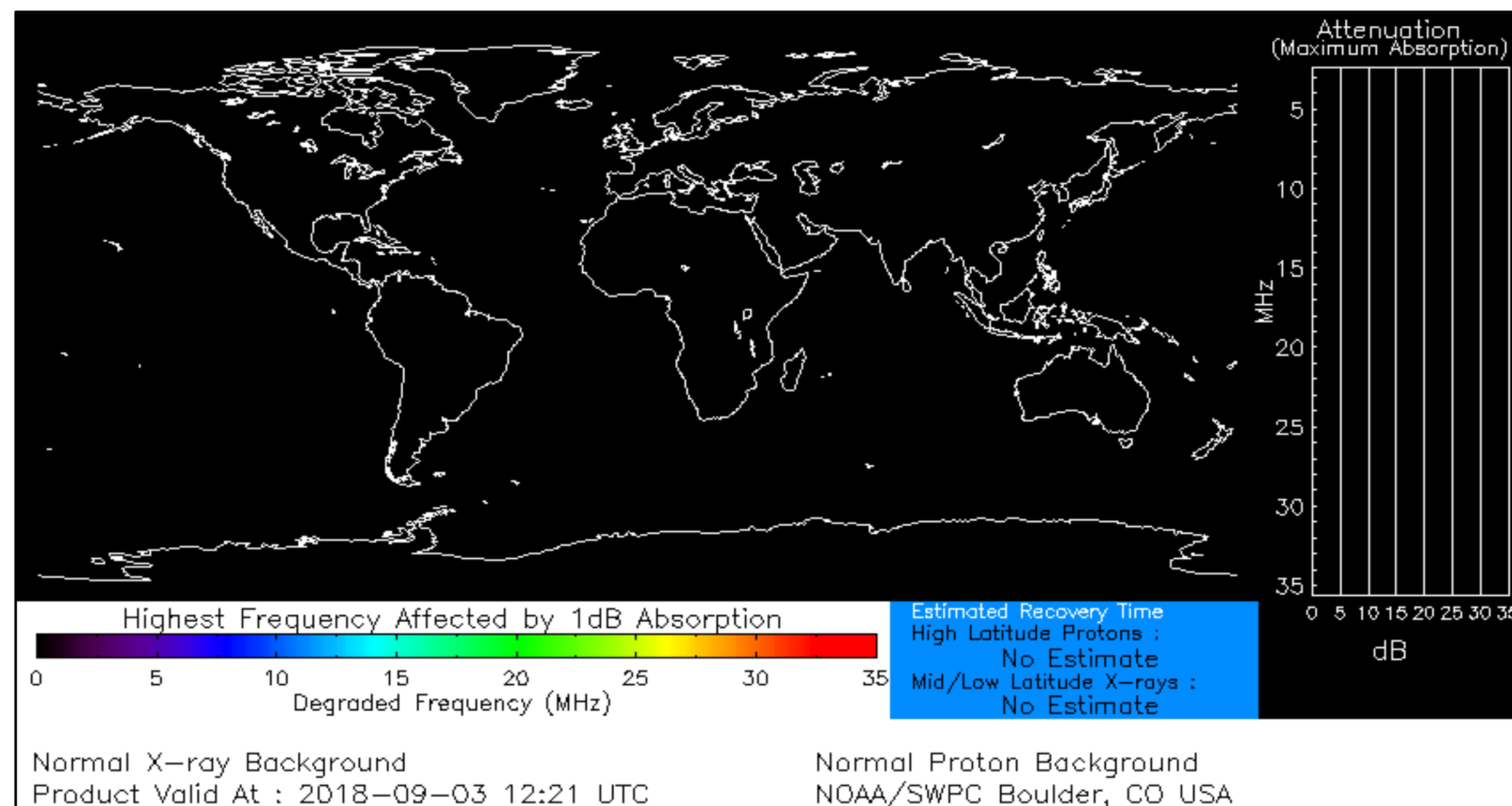


Space Weather 3-Day Forecast



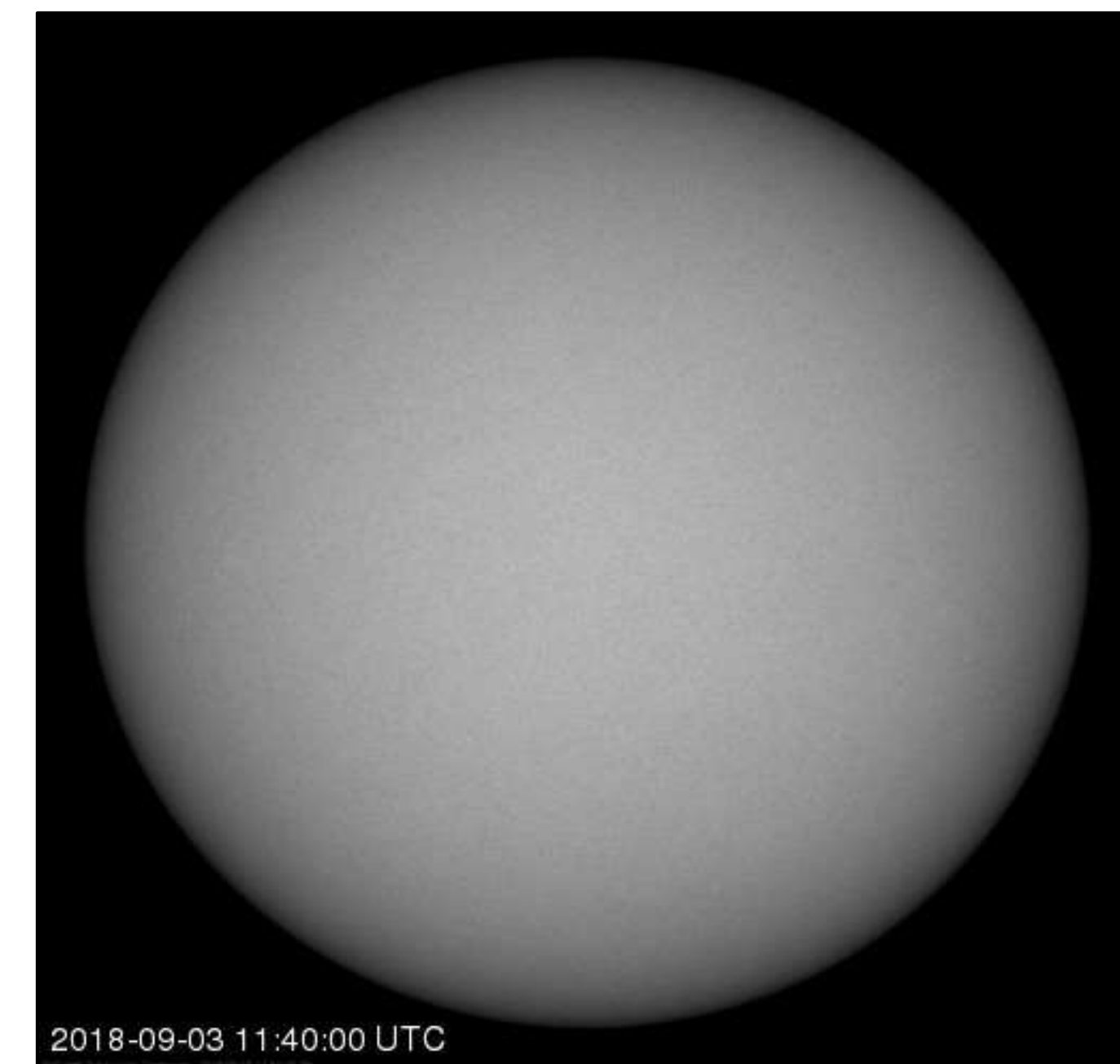
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	Monday	Tuesday	Wednesday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov